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## Preparing equipment for installation

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Use the equipment room floor plan to position equipment. See *Meridian 1 installation planning* (553-3001-120) to prepare the equipment room and floor plan.

**WARNING**

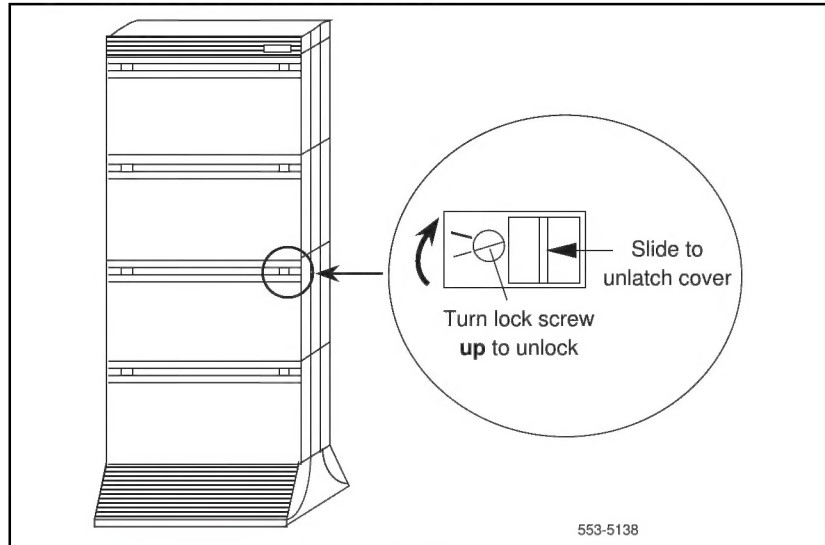
A fully loaded column weighs 274.4 kg (605 lbs). More than one person is required to remove equipment from shipping pallets.

**WARNING**

Module covers are *not* hinged; do not let go of the cover. Lift the cover away from the module and set it out of the work area.

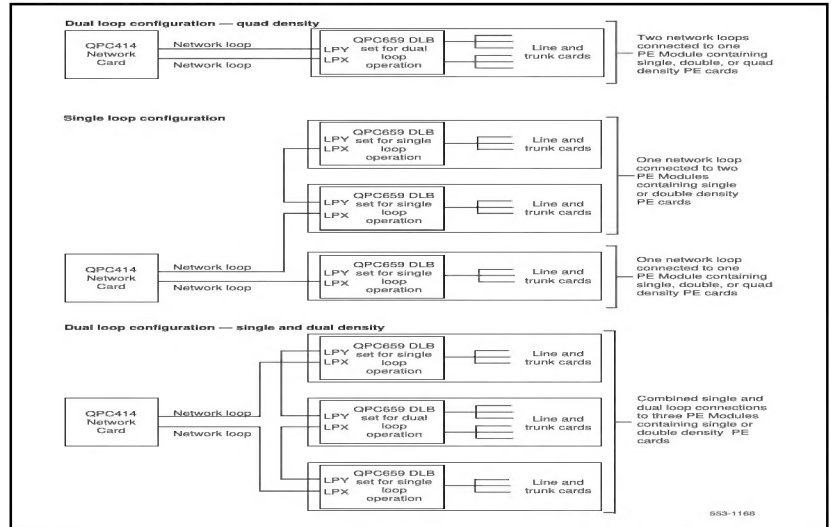
- 1 Remove equipment from the shipping pallets; follow the unpacking instructions that come with the packaging material.
- 2 Remove the front and rear covers from each module:
  - With a flat blade screwdriver, turn the lock clockwise on the two locking latches (see [Figure 4](#)).
  - Simultaneously push the latches toward the center of the cover and pull the cover toward you while lifting it away from the module.
  - Set the covers aside until the installation is complete.

**Figure 4**  
**Locking latches on the module cover**

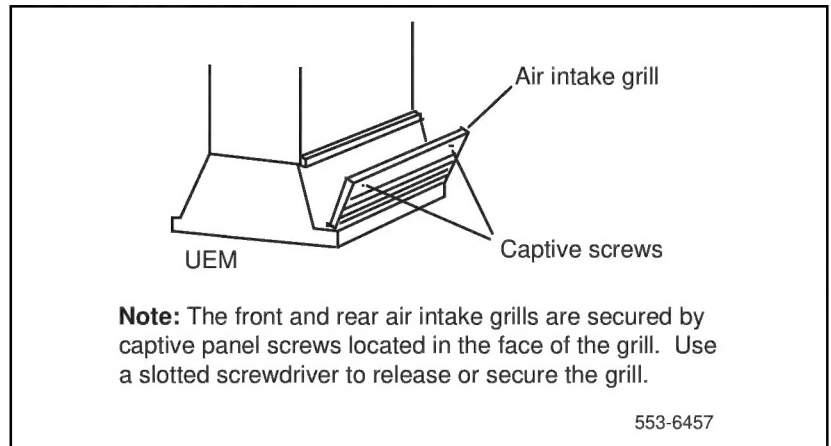


- 3** Remove the front and rear grills from each pedestal:
  - Loosen the two captive screws that secure the grill.
  - Pull the grill forward and lift it out of the base of the pedestal (see [Figure 5](#)).
  - Set the grills aside until the installation is complete.
- 4** Make sure all of the items on the system order form are on the packing slip that comes with the equipment.
- 5** Inspect all equipment for physical damage. Report any damage to your supplier.

**Figure 5**  
**Removing the pedestal grill**



**Figure 6**  
**Pedestal grill (UK)**



**6** Remove the foam pieces that secure bus terminating units (BTUs) in the following modules. Verify that the BTUs are installed in the correct positions:

- **In options 51 and 61**, check the NT6D39 CPU/Network Module:
  - between slots 1 and 2—QPC477A10 or B10
  - between slots 2 and 3—QPC477A9
  - between slots 12 and 13— QPC477A22
- **In option 61C**, check the NT9D11 Core/Network Module:
  - between slots 0 and 1—QPC477A9
  - between slots 1 and 2—QPC477B10
- **In option 71**, check the NT8D34 CPU Module:
  - for CPU 0 between slots 13 and 14—QPC477A20
  - for CPU 1 between slots 13 and 14—QPC477A21

Check the NT8D35 Network Module:

- between slots 11 and 12—QPC477A9
  - between slots 12 and 13—QPC477A10 or B10
- **In option 81**, check the NT6D60 Core Module:
    - between slots 4 and 5—QPC477A9
    - between slots 5 and 6—QPC477B10

Check the NT8D35AA and NT8D35DC Network Modules:

- between slots 11 and 12—QPC477A9
- between slots 12 and 13—QPC477A10 or B10

**Note 1:** For those option 51C, 61C, or 81C systems that use the NT5D21 Core/Network Modules, BTUs are not required; this fact is also true of the NT8D35BA and NT8D35EA Network Modules. All these modules use hybrid bus terminators that are an integral part of their respective backplanes.

- 7 Check the option settings on all cards that have a switch symbol on the faceplate. Also check the jumper settings on the NT6D6003 CBT card, if equipped. For a list of all option switch and jumper settings, refer to *Circuit card installation and testing* (553-3001-211).

**In option 51C, 61C, and 81C**, there is a single jumper in the NT5D21 Core/Network Module. The jumper is located on the front of the backplane behind card slot 14 (see [Figure 9](#)).

- Verify that the jumper is closed (there is a plug over both pins).

**In option 61C**, a single jumper in each of the NT9D11 Core/Network Modules determines whether the module is designated as Core/Network 0 or Core/Network 1. The jumper is located on the front of the backplane behind card slot 14 (see [Figure 7](#)).

- In Core/Network Module 0, verify that the jumper is closed (there is a plug over both pins).
- In Core/Network Module 1, verify that the jumper is open (there is not a plug over the pins).

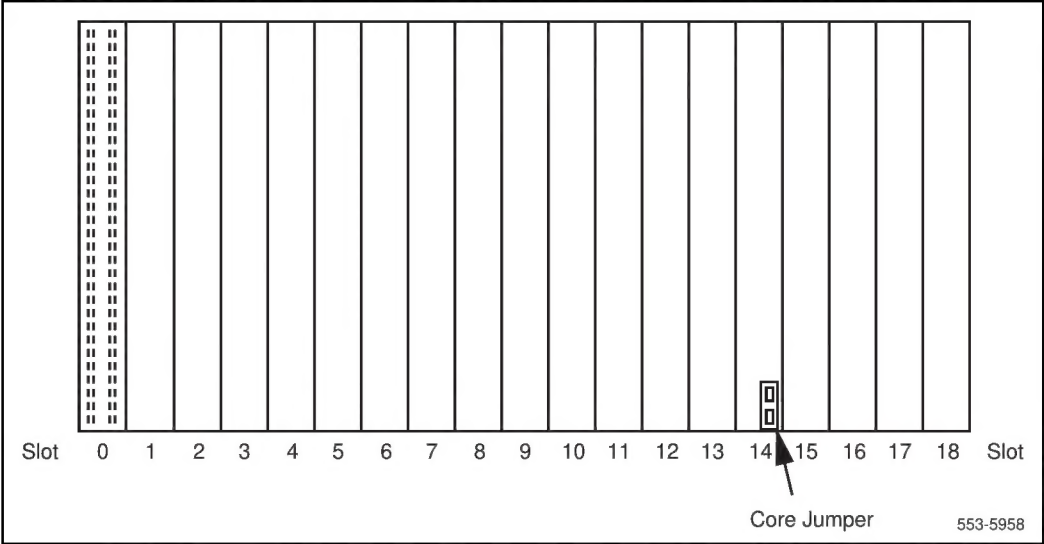
**In option 81**, four jumpers in the NT6D60 Core Modules determine whether the module is designated as Core 0 or Core 1. The jumpers are located on the backplane, along the bottom of the front side (behind the circuit cards) (see [Figure 8](#)).

- In Core 0, verify that all four jumpers are closed (there is a plug over both pins).
- In Core 1, verify that jumper JB4, between slots 9 and 10, is open (jumper plug not installed). Verify that the other three backplane jumpers are closed.

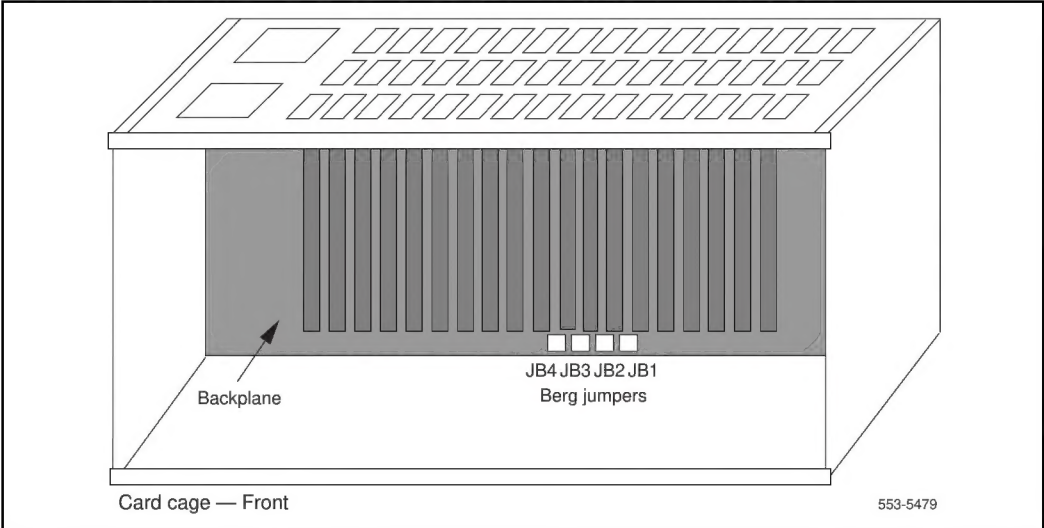
### CAUTION

If the Core Module jumpers are set incorrectly, the system will not load and operate correctly.

**Figure 7**  
**Location of the backplane jumper in NT9D11 Core/Network Modules (Option 61C)**



**Figure 8**  
**Location of the backplane jumpers in NT6D60 Core Modules (Option 81)**



**Figure 9**  
**Location of the backplane jumper in the NT5D21 Core/Network Module**  
**(Options 51C, 61C, and 81C)**

